

FIG.1

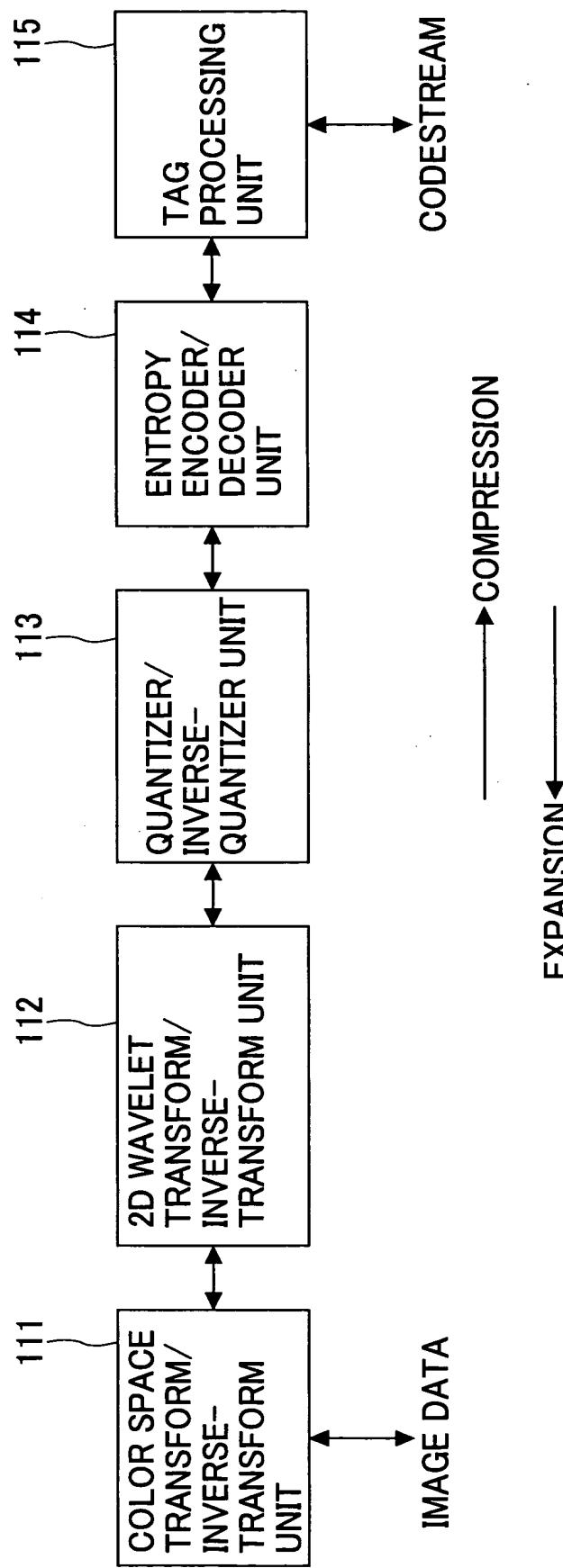


FIG.2

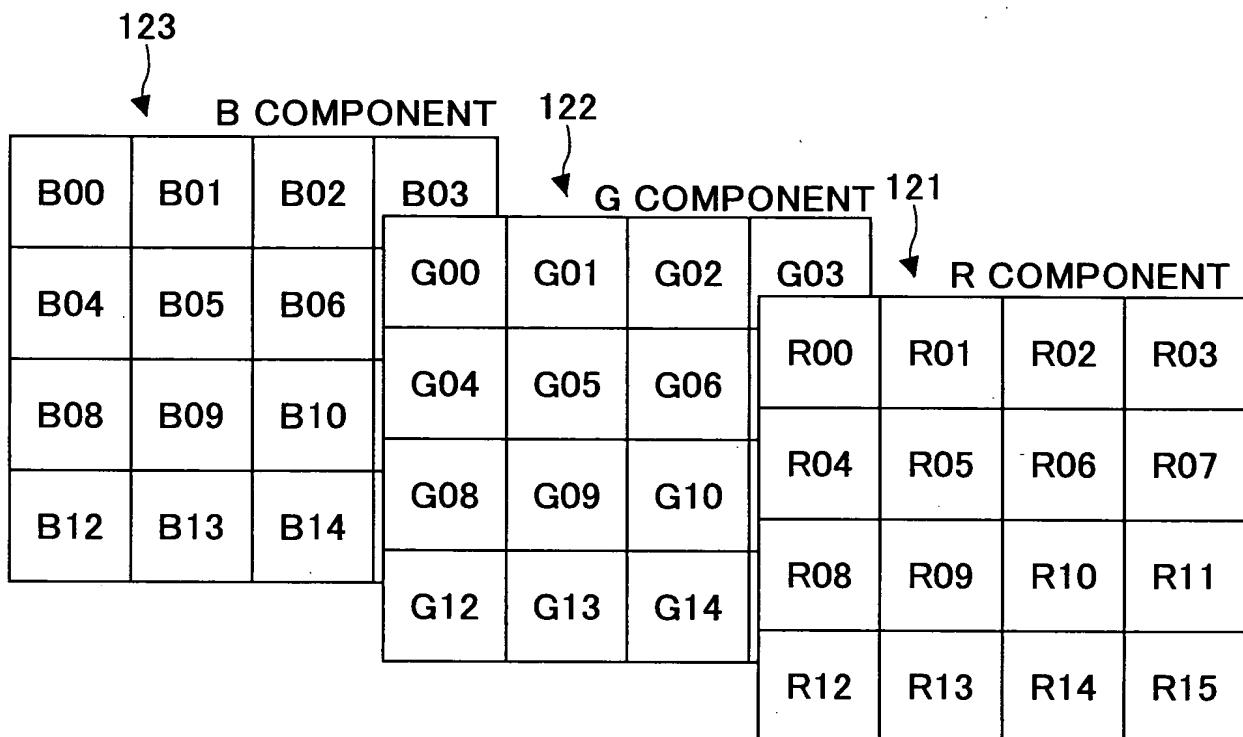
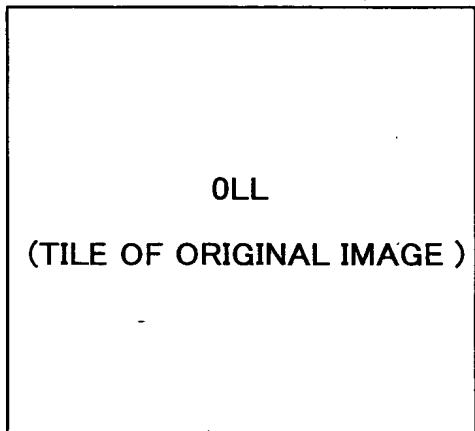
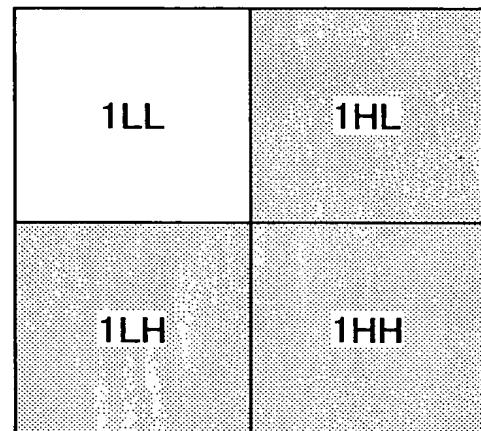


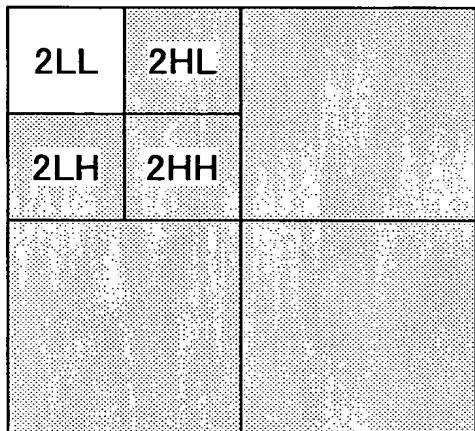
FIG.3



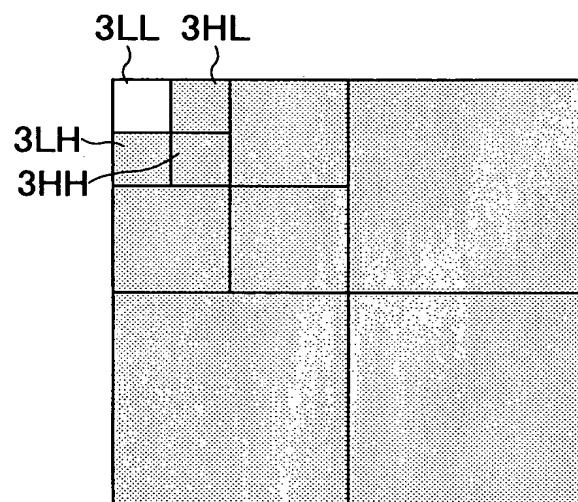
DECOMPOSITION LEVEL-0



DECOMPOSITION LEVEL-1



DECOMPOSITION LEVEL-2



DECOMPOSITION LEVEL-3

FIG.4

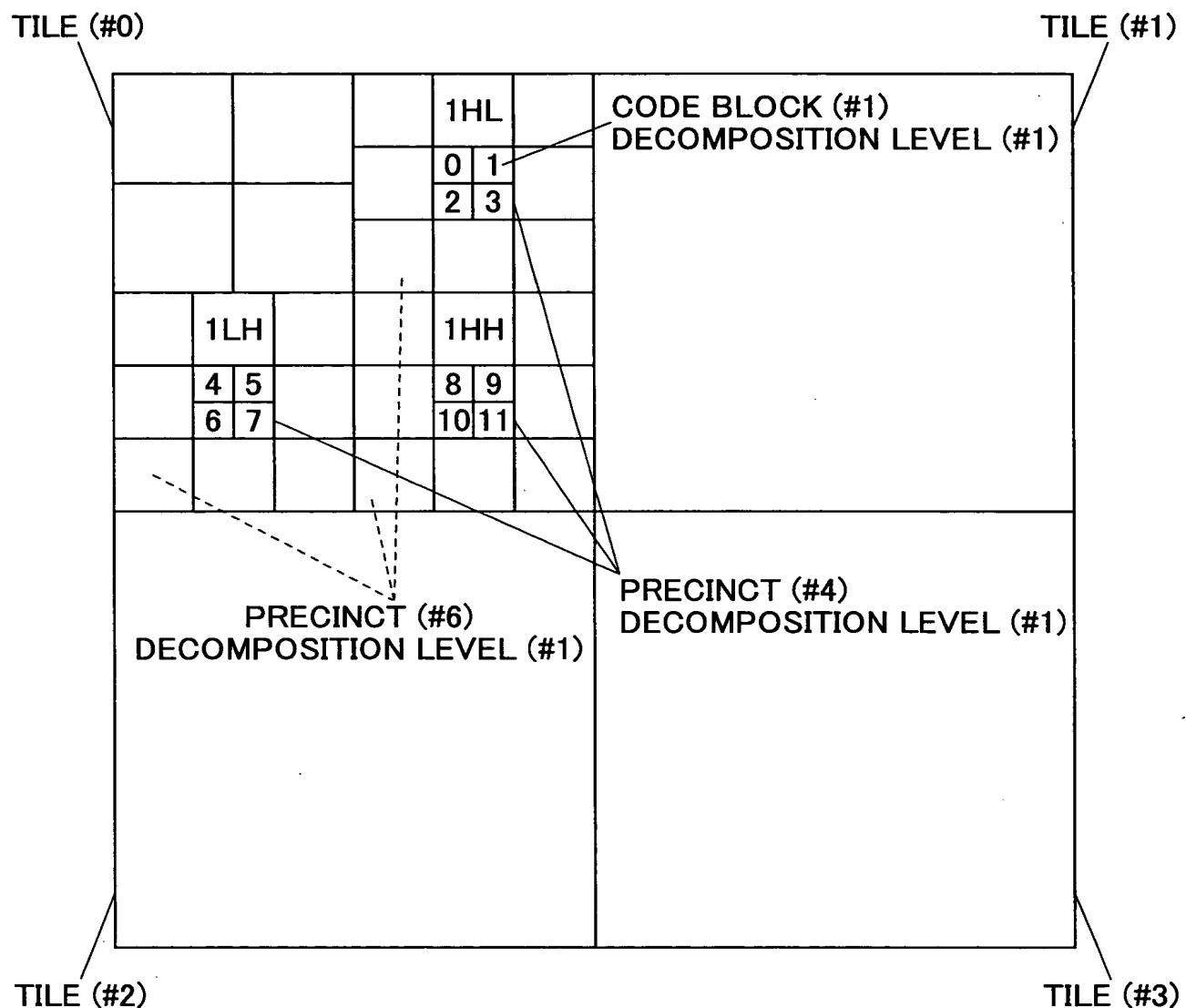
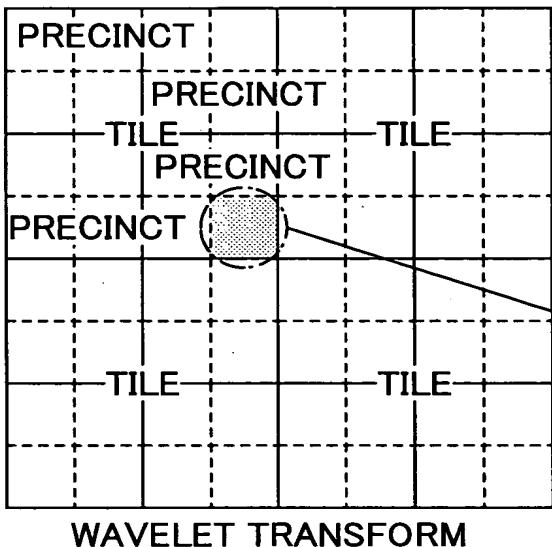


FIG.5

DECOMPOSITION LEVEL-1



-85	-80	-80	-70
-86	-82	-80	-76
-83	-83	-78	-75
-84	-85	-85	-78

PIXEL VALUE

TILE NO. = 0
PRECINCT NO. = 3
CODE BLOCK NO. = 3

FILTER: REVERSIBLE (5, 3) INTEGER
TRANSFORM FILTER
PIXEL EXTENSION: MIRRORING METHOD

-84	-77	1	8
LL		HL	
-84	-79	1	4
1	-1	2	-2
LH		HH	
0	-5	2	4

WAVELET COEFFICIENT VALUE
DECOMPOSITION LEVEL NO. = 1
TILE NO. = 0
PRECINCT NO. = 3
CODE BLOCK NO. = 3

-84	-84	-77	-79
-	-	-	-
LAYER NO. = 0			
1	1	1	1
0	0	0	0
1	1	0	0
LAYER NO. = 1			
0	0	1	1
1	1	1	1
0	0	0	1
0	0	1	1
LAYER NO. = 2			
0	0	0	1
1	1	1	1
0	0	0	0
0	0	1	1
LAYER NO. = 3			

1	-1	8	4
+	-	+	+
0	0	0	0
0	0	0	0
0	0	0	0
0	0	1	0
0	0	0	1
0	0	0	0
1	1	0	0

COEFFICIENT
VALUE
SIGN
(MSB)

ABSOLUTE
VALUE

(LSB)

-1	0	-1	-5
-	0	-	-
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	1
0	0	0	0
1	0	1	1

1LL

2	2	-2	4
+	+	-	+
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	1
1	1	1	0
0	0	0	0

1HL

1HH

FIG.6

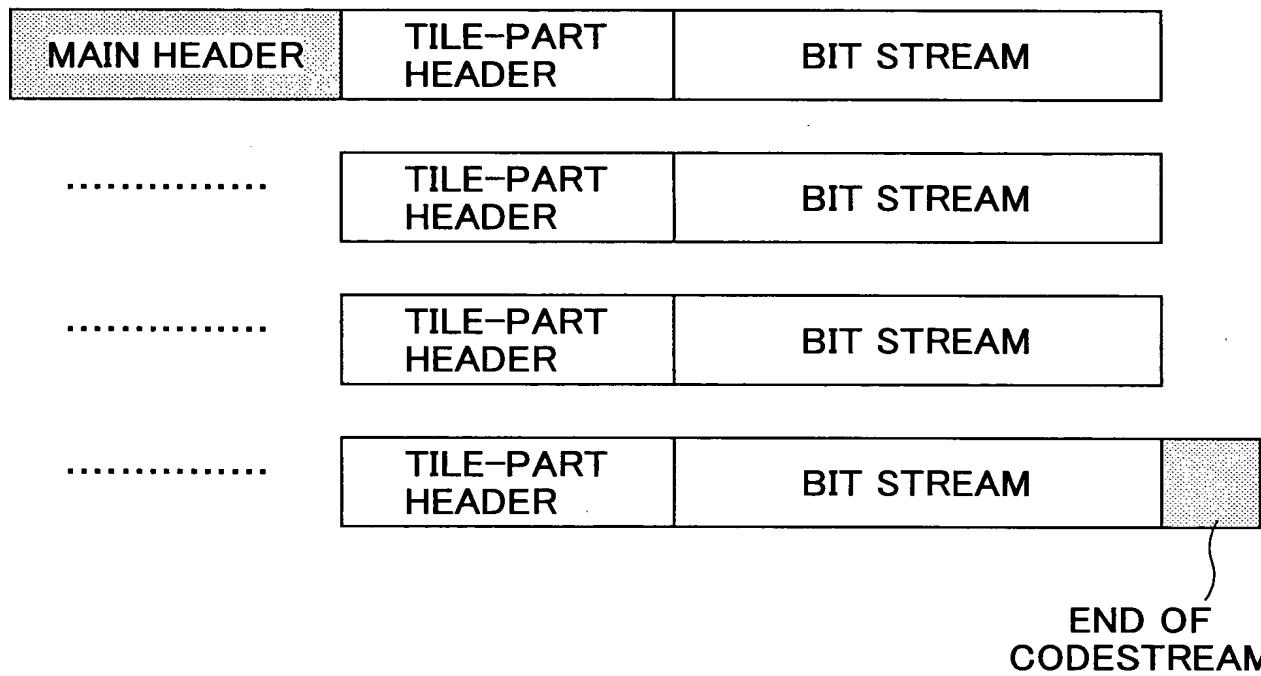


FIG. 7

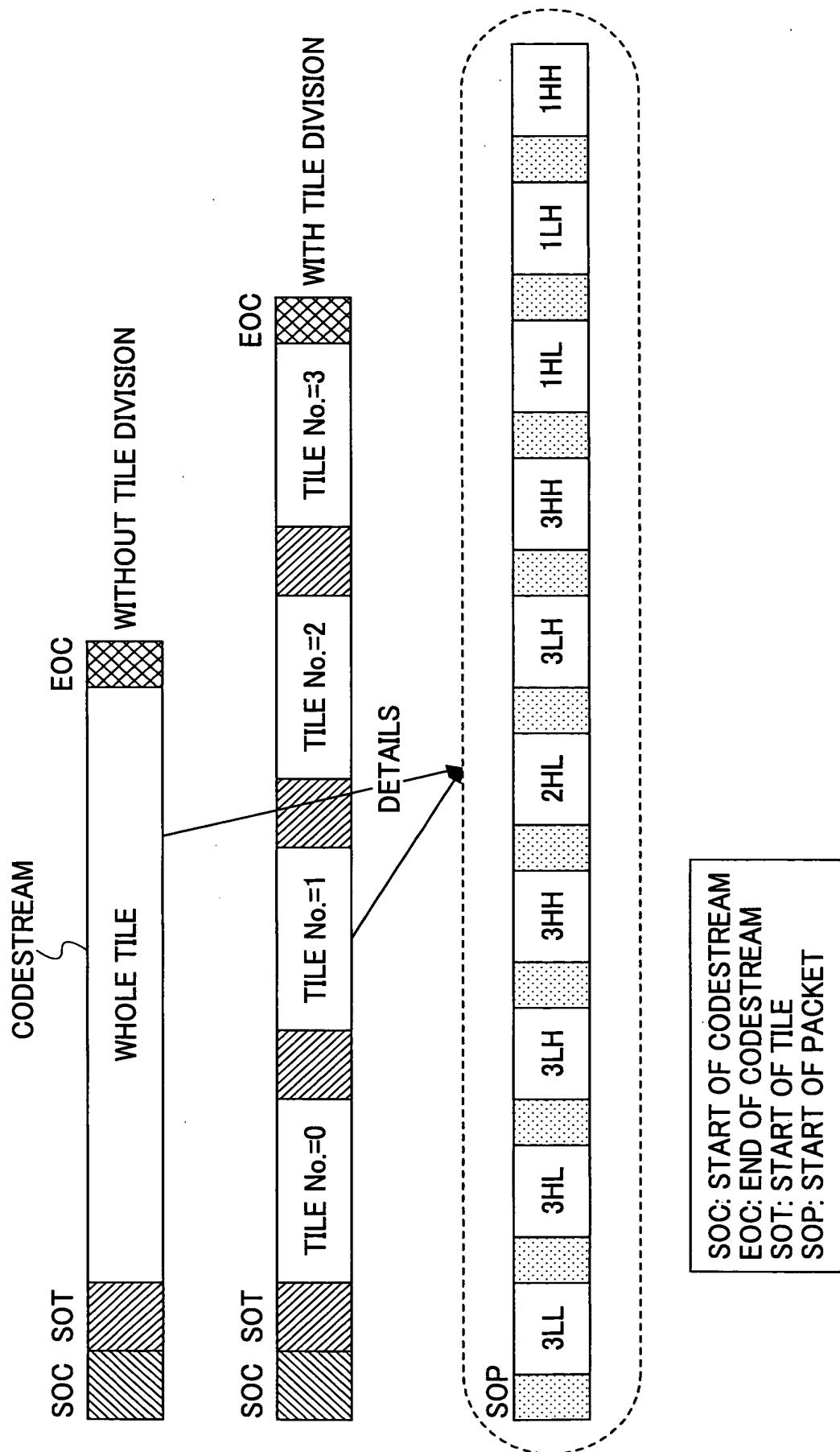


FIG.8

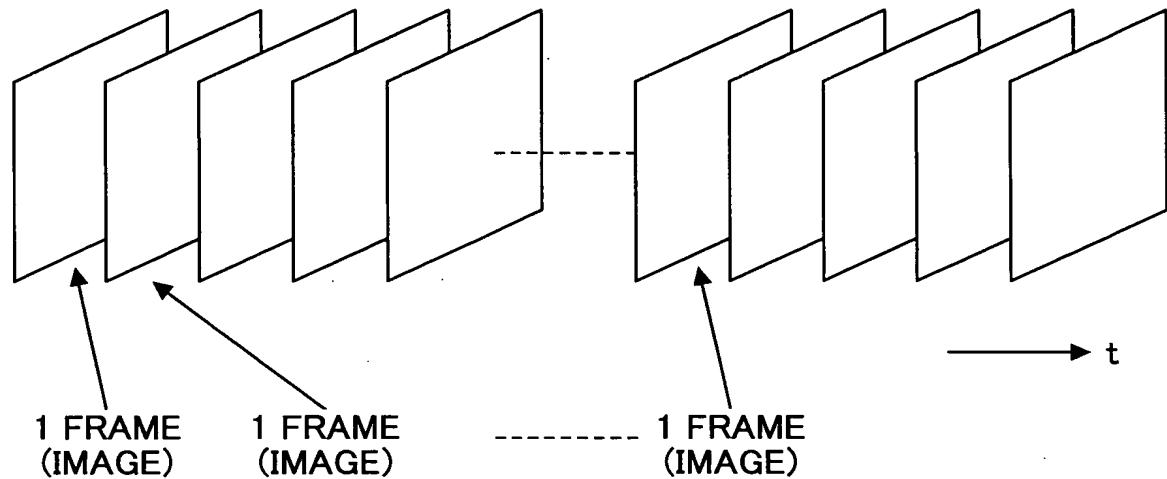


FIG.9

D0	V0	D1
H0	X	H1
D2	V1	D3

FIG.10

SOP	L_{sop}	N_{sop}
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FIG.11

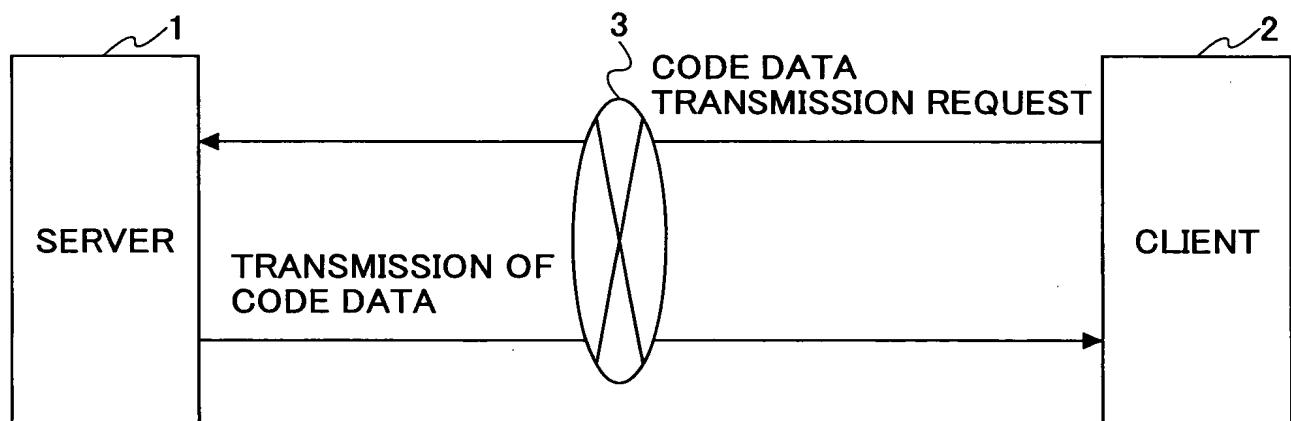


FIG.12

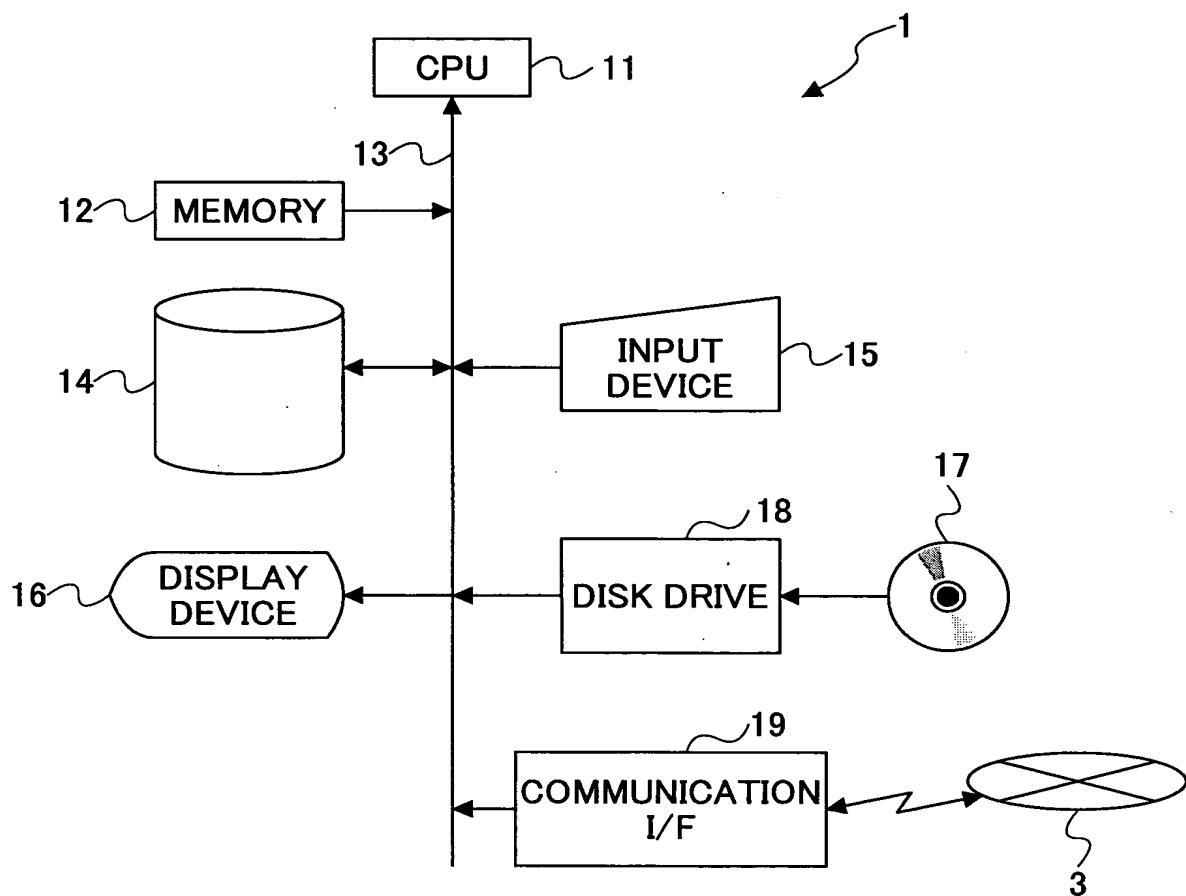


FIG.13

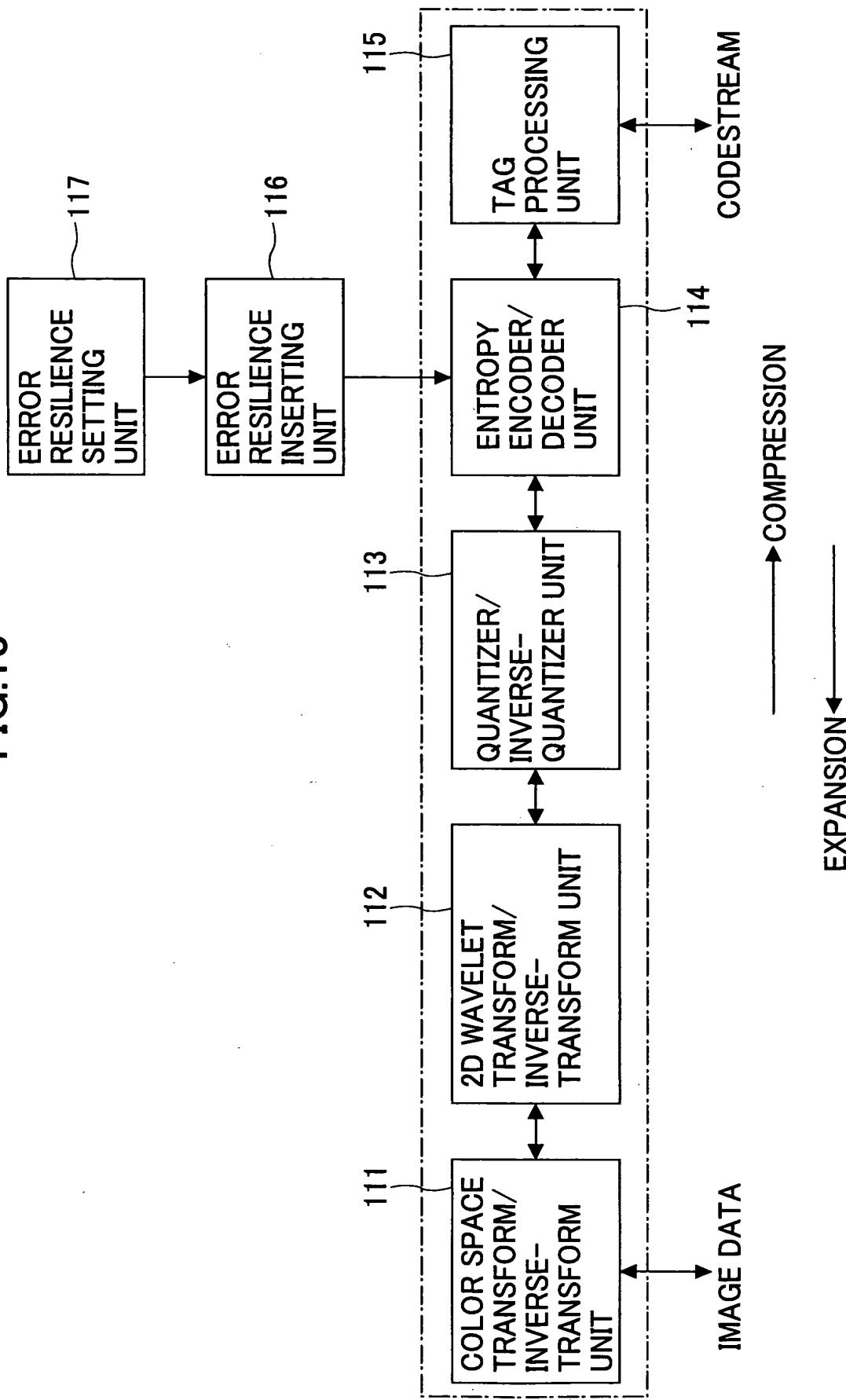


FIG.14

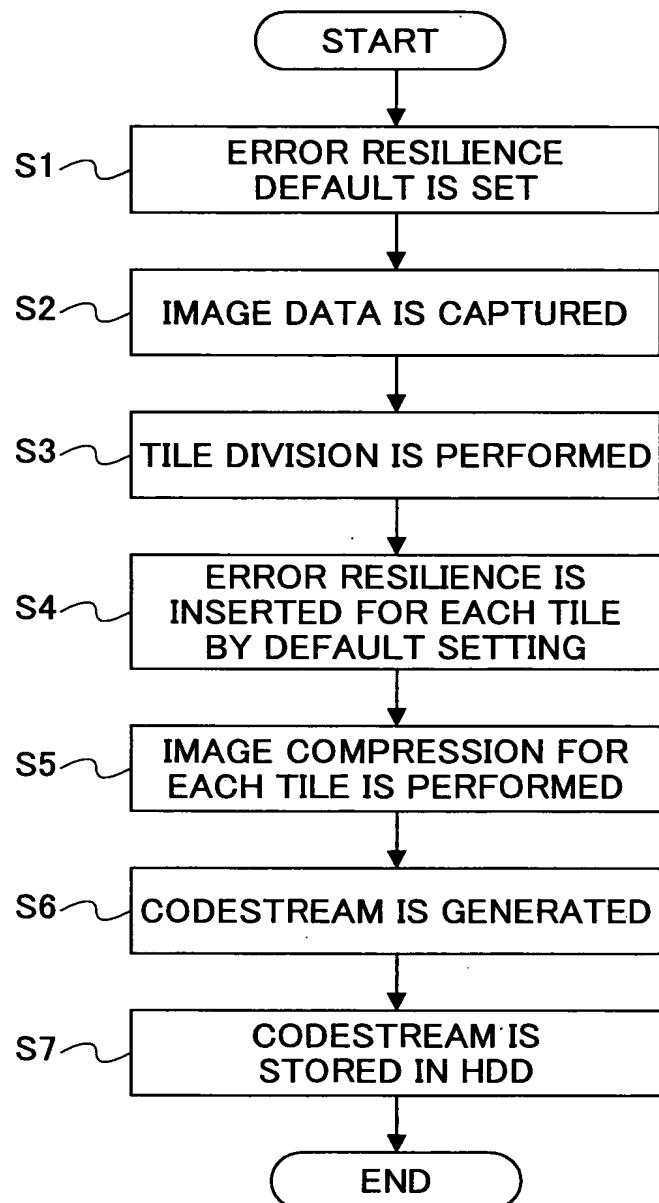


FIG.15A

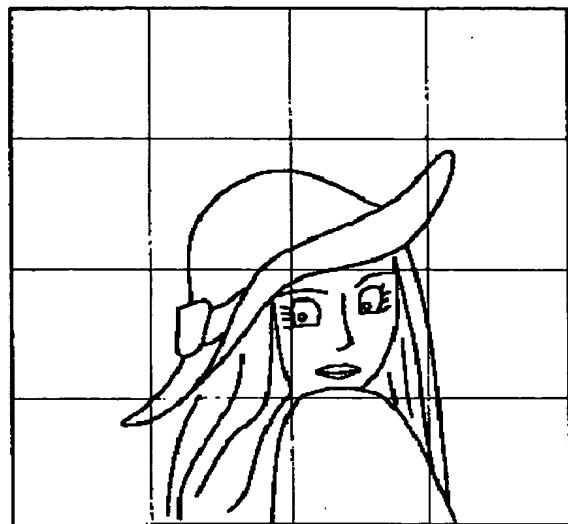


FIG.15B

TILE-0	TILE-1	TILE-2	TILE-3
TILE-4	TILE-5	TILE-6	TILE-7
TILE-8	TILE-9	TILE-10	TILE-11
TILE-12	TILE-13	TILE-14	TILE-15

FIG.16

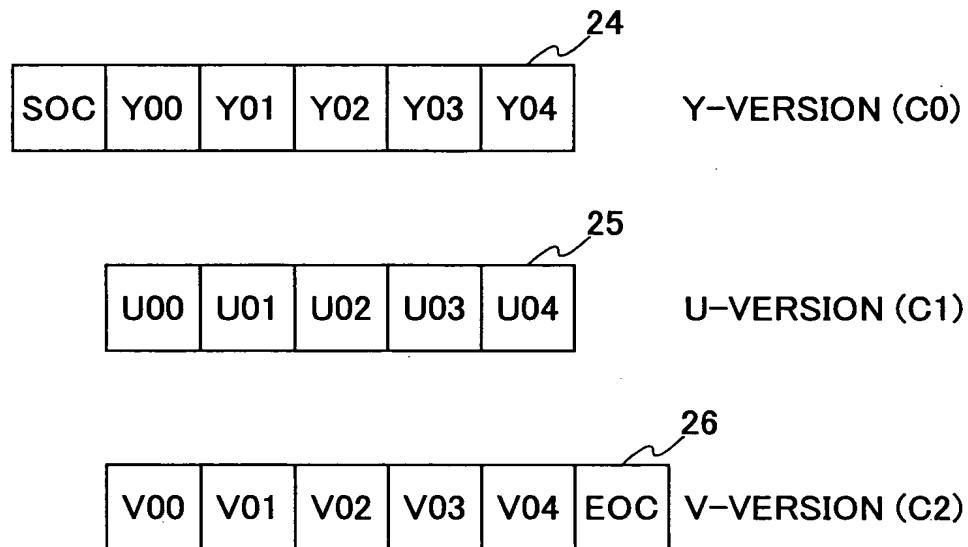


FIG.17

Diagram illustrating a 4x4 grid of data blocks labeled T01 through T16. A bracket labeled 22 spans the entire grid. The central 3x3 subgrid (T06, T07, T08; T10, T11, T12; T13, T14, T15) is circled.

T01	T02	T03	T04
T05	T06	T07	T08
T09	T10	T11	T12
T13	T14	T15	T16

FIG.18

LAYER \ TILE NO.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12	2	2	2	2	2	6	6	2	2	6	6	2	2	2	2	2
11	2	2	2	2	2	6	6	2	2	6	6	2	2	2	2	2
10	2	2	2	2	2	6	6	2	2	6	6	2	2	2	2	2
9	2	2	2	2	2	6	6	2	2	6	6	2	2	2	2	2
8	1	1	1	1	1	5	5	1	1	5	5	1	1	1	1	1
7	1	1	1	1	1	5	5	1	1	5	5	1	1	1	1	1
6	1	1	1	1	1	4	4	1	1	4	4	1	1	1	1	1
5	1	1	1	1	1	4	4	1	1	4	4	1	1	1	1	1
4	0	0	0	0	0	3	3	0	0	3	3	0	0	0	0	0
3	0	0	0	0	0	3	3	0	0	3	3	0	0	0	0	0
2	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0	0
1	0	0	0	0	0	2	2	0	0	2	2	0	0	0	0	0

FIG. 19

